

Curriculum Vitae

Name: Terry Lichtor

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Place of Birth: ---

Date of Birth: ---

Education:

- B.A. The University of Chicago (Chemistry)
- Ph.D. The University of Chicago (Pathology)
- M.D. The University of Chicago (Medicine)

Postdoctoral Training:

Internship and Residency:

- Internship in General Surgery, Mayo Graduate
 School of Medicine, Rochester, Minnesota
- Residency in Neurological Surgery,
 The University of Chicago, Chicago, Illinois

Research Fellowships:

- Research Fellow, Committee on Neurobiology,
 The University of Chicago, Chicago, Illinois
- Research Associate, Department of Cell,
 Molecular and Structural Biology,
 Northwestern University, Chicago, Illinois

Licensure:

--- State of Illinois

Board Certification:

--- National Board of Medical Examiners
--- American Board of Neurological Surgery

Academic Appointments:

1990-1991	Research Assistant Professor, Department of Cell, Molecular and Structural Biology, Northwestern University Medical School, Chicago, Illinois
1991-1992	Assistant Professor, Department of Surgery, Harvard Medical School, Boston, Massachusetts
1996-2003	Assistant Professor, Department of Neurological Surgery, Rush University, Chicago, Illinois
1996-	Clinical Associate Professor, Department of Neurological Surgery, Loyola University Chicago, Chicago, Illinois
2003-	Associate Professor, Department of Neurological Surgery, Rush University, Chicago, Illinois

Hospital Appointments:

1987-1991	Attending Neurosurgeon, Little Company of Mary Hospital, Evergreen Park, Illinois
1991-1992	Attending Neurosurgeon, Beth Israel Hospital, Boston, Massachusetts
1992-	Attending Neurosurgeon, Cook County Hospital, Chicago, Illinois
1996-2004	Attending Neurosurgeon, Edward Hines Hospital, Hines, Illinois
1996-	Attending Neurosurgeon, Rush Presbyterian St Luke's Medical Center, Chicago, Illinois
1997-	Attending Neurosurgeon, Illinois Masonic Medical Center, Chicago, Illinois
1997-2002	Attending Neurosurgeon, Lake Forest Hospital, Lake Forest, Illinois

2003-2004 Chairman, Division of Neurosurgery, John H Stroger Hospital of Cook County, Chicago, Illinois

Professional Positions:

2003- National Cancer Institute Clinical Investigator

Awards and Honors:

--- Phi Beta Kappa
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--- Resident Award from the American Academy of Neurological Surgery
1992 Who's Who in Science and Engineering
2000- International Who's Who of Professionals
2000- Strathmore's Who's Who
2000- Who's Who in America
2001- The National Registry of Who's Who
2001 ---Congressional Committee on Health Care Reform
2002- America's Registry of Outstanding Professionals
2002- Who's Who in Medicine and Healthcare
2002 Who's Who in the 21st Century
2002- America's Top Surgeons
2002 Physician of the Year Award from the National ---
Congressional Committee's Physicians' Advisory Board
2002- The Contemporary Who's Who
2004- Who's Who in the World
2004- The Contemporary Who's Who of Professionals
2005- Who's Who in Science and Engineering

Major Committee Assignments:

1992 Brain-Tumor Research Center Study Section, National Institute of Neurological Disorders and Stroke, National Institutes of Health

2002- Immunology Devices Panel of the Medical Devices Advisory Committee, Center for Devices and Radiological Health,

Terry Lichtor, MD, PhD

2004	Food and Drug Administration Gene Therapy Cluster Review Study Section, National Institutes of Health/National Cancer Institute
2004	Cancer Center Review Study Section, National Institutes of Health/National Cancer Institute
2005	Experimental Therapeutics Cluster Review Study Section, National Institutes of Health/National Cancer Institute

Memberships in Professional Societies:

1987	American Medical Association
1987	Illinois State Medical Society
1987	Chicago Medical Society
1992	Research Society of Neurological Surgeons
1992	Chicago Neurosurgical Society
1995	American College of Surgeons
1998	Joint Section on Tumors, The American Association of Neurological Surgeons and Congress of Neurological Surgeons
1998	Society for Neuro-Oncology

Editorial Boards:

1998-	Department Editor for Neurosurgery, Veterans Health System Journal
2002-	International Reviewers Panel, Medical Science Monitor; International Medical Journal for Experimental and Clinical Research
2003-	Cancer Therapy
2004-	Associate Member, Gene Therapy and Molecular Biology
2004-	Internet Journal of Spine Surgery

Scientific Advisory Boards:

2000-	Physicians Nutraceutical Laboratories
2003-	MEDACorp
2004-	Chiari and Syringomyelia Patient Education Foundation

Major Research Interests:

Gene Therapy Strategies in the Treatment of Brain Tumors
Development of Brain Tumor Vaccines
Development of MRI Technology for Measurement of Intracranial Pressure
Molecular Strategies in the Treatment of Alzheimer's Disease

Principal Clinical and Hospital Service Responsibilities:

1996-	Online Neurosurgery Clinical Case Discussion Group Facilitator, Physicians' Online
1997-2002	Neurosurgery Reviewer, Central Illinois Medical Review Organization
1997-	Lecturer, The Osler Institute

Bibliography

Original Reports

1. **Lichtor T**, Getz GS: Cytoplasmic Inheritance of Rutamycin Resistance in Mouse Fibroblasts. Proc Natl Acad Sci USA 1978; 75: 324-328.
2. **Lichtor T**, Tung B, Getz GS: Cytoplasmically Inherited Respiratory Deficiency of a Mouse Fibroblast Line Which is Resistant to Rutamycin. Biochemistry 1979; 18: 2582-2590.
3. Czech JM, **Lichtor TR**, Carney JA, van Heerden JA: Neoplasms Metastatic to the Thyroid Gland. Surgery, Gynecology and Obstetrics 1982; 155: 503-505.
4. Mullan S, **Lichtor T**: Percutaneous Microcompression of the Trigeminal Ganglion for Trigeminal Neuralgia. J of Neurosurgery 1983; 59: 1007-1012.
5. **Lichtor T**, Wollmann RL, Brown FD: Calcified Basal Ganglionic Mass Twelve Years After Radiation Therapy for Medulloblastoma. Surgical Neurology 1984; 21: 373-376.
6. **Lichtor T**, Dohrmann GJ, Getz GS: Respiratory Deficiency and Increased Glycolysis in Benign Human Brain Tumors. Surgical Forum 1984; 35: 486-488.
7. Wong YY, **Lichtor T**, Brown FD: Severe Thrombocytopenia Associated with Phenytoin and Cimetidine Therapy. Surgical Neurology 1985; 23: 169-172.
8. **Lichtor T**, Dohrmann GJ: Respiratory Patterns in Human Brain Tumors. Neurosurgery 1986; 19: 896-899.

9. **Lichtor T**, Dohrmann GJ: Oxidative Metabolism and Glycolysis in Benign Brain Tumors. *J of Neurosurgery* 1987; 67: 336-340.
10. **Lichtor T**, Mullan S: Arteriovenous Malformations in Moyamoya Syndrome. *J of Neurosurgery* 1987; 67: 603-608.
11. **Lichtor T**, Davis HR, Johns L, Vesselinovitch D, Wissler RW, Mullan S: The Sympathetic Nervous System and Atherosclerosis. *J of Neurosurgery* 1987; 67: 906-914.
12. **Lichtor T**, Davis HR, Vesselinovitch D, Wissler RW, Mullan S: Suppression of Atherogenesis by Nifedipine in the Cholesterol-Fed Rhesus Monkey. *Applied Pathology* 1989; 7: 8-18.
13. **Lichtor T**: Posterior Epidural Migration of Extruded Lumbar Disk. *Surgical Neurology* 1989; 32: 311-312.
14. **Lichtor T**, Mullan S: A 10-Year Follow-up of Percutaneous Microcompression of the Trigeminal Ganglion. *J of Neurosurgery* 1990; 72: 49-54.
15. **Lichtor T**, Dohrmann GJ, Gurney ME: Cytokine Gene Expression by Human Gliomas. *Neurosurgery* 1990; 26: 788-793.
16. **Lichtor T**, Yamamoto H, Gurney ME: Gene Expression of Neurotrophic Factors in Human Brain Tumors. *Molecular and Cellular Neurosciences* 1991; 2: 168-171.
17. **Lichtor T**, Kurpakus MA, Gurney ME: Differential Expression of Insulin-Like Growth Factor II in Human Meningiomas. *Neurosurgery* 1991; 29: 405-410.
18. **Lichtor T**: Gene Expression of Apolipoprotein E in Human Brain Tumors. *Neuroscience Letters* 1992; 138: 287-290.
19. Stone JL, **Lichtor T**, Crowell RM: Microvascular Sling Decompression for Trigeminal Neuralgia Secondary to Ectatic Vertebrobasilar Compression: A Technical Note. *J of Neurosurgery* 1993; 79: 943-945.
20. **Lichtor T**, Kurpakus MA, Gurney ME: Expression of Insulin-Like Growth Factors and Their Receptors in Human Meningiomas. *J of Neuro-Oncology* 1993; 17: 183-190.
21. **Lichtor T**, Libermann TA: Co-Expression of Interleukin-1 β and Interleukin-6 in Human Brain Tumors. *Neurosurgery* 1994; 34: 669-673.

22. Stone JL, **Lichtor T**, Banerjee S: Intradural Thoracic Disc Herniation. Spine 1994; 19: 1281-1284.
23. Glick RP, **Lichtor T**, Kim TS, Ilangoan S, Cohen EP: Fibroblasts Genetically Engineered to Secrete Cytokines Suppress Tumor Growth and Induce Antitumor Immunity to a Murine Glioma In Vivo. Neurosurgery 1995; 36: 548-555.
24. Stone JL, **Lichtor T**, Ruge JR: Cavernous Angioma of the Upper Cervical Spinal Cord. Spine 1995; 20: 1205-1207.
25. Stone JL, **Lichtor T**, Fitzgerald LF, Barrett JA, Reyes HM: Demographics of Civilian Cranial Gunshot Wounds: Devastation Related to Escalating Semiautomatic Usage. J of Trauma 1995; 38: 851-854.
26. Stone JL, **Lichtor T**, Fitzgerald LF: Gunshot Wounds to the Head in Civilian Practice. Neurosurgery 1995; 37: 1104-1112.
27. **Lichtor T**, Glick RP, Kim TS, Hand R, Cohen EP: Prolonged Survival of Mice with Glioma Injected Intracerebrally with Double Cytokine-Secreting Cells. J of Neurosurgery 1995; 83: 1038-1044.
28. Stone JL, **Lichtor T**, Fitzgerald LF, Gandhi YN: Civilian Cases of Tangential Gunshot Wounds to the Head. J of Trauma 1996; 40: 57-60.
29. Glick RP, **Lichtor T**, Mogharbel A, Taylor CA, Cohen EP: Intracerebral versus Subcutaneous Immunization with Allogeneic Fibroblasts Genetically Engineered to Secrete Interleukin-2 in the Treatment of Central Nervous System Glioma and Melanoma. Neurosurgery 1997; 41: 898-907.
30. Griffitt W, Glick RP, **Lichtor T**, Cohen EP: Survival and Toxicity of an Allogeneic Cytokine-Secreting Fibroblast Vaccine in the Central Nervous System. Neurosurgery 1998; 42: 335-340.
31. Griffitt W, Glick RP, **Lichtor T**, Haughton DE, Cohen EP: Development of a New Mouse Brain Tumor Model Using Implantable Micro-Cannulas. J of Neuro-Oncology 1999; 41: 117-120.
32. Rubenstein M, Shaw M, Mirochnik Y, Slobodskoy L, Glick R, **Lichtor T**, Chou P, Guinan P: In Vivo Establishment of the T98G Human Glioblastoma. Methods and

Findings in Experimental and Clinical Pharmacology 1999; 21: 391-393.

33. Glick RP, **Lichtor T**, de Zoeten E, Deshmukh P, Cohen EP: Prolongation of Survival of Mice with Glioma Treated with Semiallogeneic Fibroblasts Secreting Interleukin-2. *Neurosurgery* 1999; 45: 867-874.
34. Alperin N, Stelzig C, Betz W, Charbel F, **Lichtor T**: Does CSF Flow Dynamics Characterize the Mechanical State of the CranioSpinal System? *Proceedings of the Society for Magnetic Resonance in Medicine* 1999; 3: 2011.
35. Alperin NJ, Lee SH, Loth F, Raksin PB, **Lichtor T**: MR-Intracranial Pressure (ICP): A Method to Measure Intracranial Elastance and Pressure Noninvasively by Means of MR Imaging: Baboon and Human Study. *Radiology* 2000; 217: 877-885.
36. Deshmukh P, Glick RP, **Lichtor T**, Moser R, Cohen EP: Immunogene Therapy with Interleukin-2-Secreting Fibroblasts for Intracerebrally Metastasizing Breast Cancer in Mice. *J of Neurosurgery* 2001; 94: 287-292.
37. Liu KJM, Atten MJ, **Lichtor T**, Cho MJ, Hawkins D, Panizales E, Busker J, Stone J, Donahue PE: Serum Amylase and Lipase Elevation Is Associated with Intracranial Events. *The American Surgeon* 2001; 67: 215-220.
38. Alperin N, Kulkarni K, Roitberg B, Loth F, Mafee MF, Foroohar M, **Lichtor T**: Analysis of Magnetic Resonance Imaging-Based Blood and Cerebrospinal Fluid Flow Measurements in Patients with Chiari I Malformation: A System Approach. *Neurosurgical Focus* 2001; 11 (1): Article 6, 1-10.
39. Chauhan NB, Siegel GJ, **Lichtor T**: Distribution of Intraventricularly Administered Antiamyloid-Beta Peptide (A β) Antibody in the Mouse Brain. *Journal of Neuroscience Research* 2001; 66: 231-235.
40. Rubenstein M, Glick R, **Lichtor T**, Mirochnik Y, Chou P, Guinan P: Treatment of the T98G Glioblastoma Cell Line with Antisense Oligonucleotides Directed Towards mRNA Encoding Transforming Growth Factor- α and the Epidermal Growth Factor Receptor. *Medical Oncology* 2001; 18: 121-130.
41. **Lichtor T**, Glick RP, Tarlock K, Moffett S, Mouw E, Cohen EP: Application of Interleukin-2 Secreting Syngeneic/Allogeneic Fibroblasts in the Treatment of Primary and Metastatic Brain Tumors. *Cancer Gene Therapy* 2002; 9: 464-469.
42. Fathallah-Shaykh HM, Rigen M, Zhao LJ, Bansal K, He B, Engelhard HH, Cerullo L, Von Roenn K, Byrne R, Munoz L, Rosseau GL, Glick R, **Lichtor T**, DiSavino E:

Mathematical Modeling of Noise and Discovery of Genetic Expression Classes in Gliomas. *Oncogene* 2002; 21: 7164-7174.

43. Raksin PB, Alperin N, Sivaramakrishnan A, Surapaneni S, **Lichtor T**: Noninvasive Intracranial Compliance and Pressure Based on Dynamic Magnetic Resonance Imaging of Blood Flow and Cerebrospinal Fluid Flow: Review of Principles, Implementation and Other Noninvasive Approaches. *Neurosurgical Focus* 2003; 14 (4): Article 4, 1-8.
44. Fathallah-Shaykh HM, He B, Zhao LJ, Engelhard HH, Cerullo L, **Lichtor T**, Byrne R, Munoz L, Von Roenn K, Rosseau GL, Glick R, Sherman C, Farooq K: Genomic Expression Discovery Predicts Pathways and Opposing Functions Behind Phenotypes. *J Biol Chem* 2003; 278: 23830-23833.
45. Chauhan NB, **Lichtor T**, Siegel GJ: Aging Potentiates A β -Induced Depletion of SNAP-25 in Mouse Hippocampus. *Brain Research* 2003; 982: 219-227.
46. Glick RP, **Lichtor T**, Panchal R, Mahendra A, Cohen EP: Treatment with Allogeneic Interleukin-2 Secreting Fibroblasts Protects Against the Development of Malignant Brain Tumors. *J of Neuro-Oncology* 2003; 64: 139-146.
47. Sivaramakrishnan A, Alperin N, Surapaneni S, **Lichtor T**: Evaluating the Effect of Decompression Surgery on Cerebrospinal Fluid Flow and Intracranial Compliance in Patients with Chiari Malformation with Magnetic Resonance Imaging Flow Studies. *Neurosurgery* 2004; 55: 1344-1351.
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49. **Lichtor T**, Egofsky P, Alperin N: Non-Communicating Cysts and CSF Flow Dynamics in a Patient with a Chiari I Malformation and Syringomyelia. *Spine* 2005 (In Press).
50. --- (In Press).
51. --- (In Press).

Proceedings of Meetings

1. **Lichtor T**, Getz GS: Cytoplasmic Inheritance of Rutamycin Resistance in Mouse Fibroblasts. *Federation Proceedings* 1977; 36: 859.

2. Mullan S, **Lichtor T**: Percutaneous Balloon Gangliolysis for Trigeminal Neuralgia. *Annals of Neurology* 1985; 18: 156.
3. Mullan JF, **Lichtor T**: Percutaneous Microcompression of the Trigeminal Ganglion in Trigeminal Neuralgia. *Annals of Neurology* 1989; 26: 184-185.
4. **Lichtor T**: Anti-atherosclerotic Activity of Nifedipine in Primates. *Cardiovascular Drug Reviews* 1989; 6: 339.
5. Savici Z, Cyrkowiec P, Ilangovan S, **Lichtor T**, Clasen R, Reyes MG: Myelopathy from Spinal Leiomyoma in Aids. *J Neuropathol Exp Neurol* 1995; 54: 449.
6. Ilangovan S, Faraldi F, Okleh A, Cyrkowiec P, Savici Z, Alfieri E, Glick RP, **Lichtor T**, Reyes MG: Volume of Tumor, Necrosis and Lymphocytes and Prolonged Survival of Mice with Cerebral Glioma and Interleukin-2/Interferon- γ -Transfected Fibroblast Transplants. *J Neuropathol Exp Neurol* 1995; 54: 439.
7. Glick RP, **Lichtor T**, Kim TS, Taylor C, Griffitt W, Cohen EP: Immuno-Gene Therapy for Intracerebral Melanoma. *Cancer Gene Therapy* 1995; 2: 311-312.
8. Glick RP, Griffitt W, **Lichtor T**, Cohen EP: An Allogeneic Tumor Vaccine Fails to Survive in the CNS. *Proceedings of the American Association for Cancer Research* 1996; 37: 341.
9. Stone JL, **Lichtor T**, Fitzgerald LF: Intracerebral Hematoma/Contusion after Closed Head Injury: 100 Consecutive Operated Patients over 10 Years. *Neurosurgery* 1996; 39: 637.
10. Rubenstein M, Glick R, **Lichtor T**, Mirochnik Y, Guinan P: Treatment of the T98G glioblastoma cell line with antisense oligonucleotides directed towards mRNA encoding transforming growth factor- α and the epidermal growth factor receptor. *Proceedings of the American Association for Cancer Research* 1997; 38: 10.
11. Glick RP, **Lichtor T**, de Zoeten E, Cohen EP: Prolongation of Survival in Mice With Intracerebral Glioma Treated With Semi-Allogeneic/Syngeneic Fibroblasts. *J of Neurosurgery* 1998; 88: 388-389.
12. Rubenstein M, Glick R, **Lichtor T**, Mirochnik Y, Guinan P: Dose response and cellular uptake of antisense oligonucleotides to transforming growth factor- α and the epidermal

- growth factor receptor of the T98G glioblastoma. Proceedings of the American Association for Cancer Research 1998; 39: 416.
13. **Lichtor T**, Glick RP, de Zoeten E, Cohen EP: Prolongation of Survival in Mice with Glioma Treated with Semi-Allogeneic Fibroblasts Secreting Interleukin-2. Neuro-Oncology 1998; Volume 1, Abstract Issue 1, 139.
 14. Rubenstein M, Shaw MW, Slobodskoy L, Mirochnik Y, Glick R, **Lichtor T**, Shaw MM, Robertson N, Garcia V, Frazier L, Guinan P: Establishment of the T98G Glioblastoma Tumor in Athymic Nude Mice Utilizing Matrigel and Orthotopic Implantation. Proceedings of the American Association for Cancer Research 1999; 40: 717.
 15. Alperin N, Loth F, Betz W, **Lichtor T**: Method for non-invasive measurements of ICP. Second Congress of the International Society for Neurosurgical Instrument Inventors 1999; ISNTII, p38.
 16. Alperin N, Loth F, Stelzig C, Lee S, Charbel F, **Lichtor T**: Determination of Intracranial Pressure from MRI Measurements of Blood and CSF Volumetric Flow Rates. Proceedings of the European Society for Magnetic Resonance in Medicine and Biology 1999; Vol. 8 Supplement 1, p89.
 17. Alperin NJ, Loth F, Lee SH, Charbel FT, **Lichtor T**, Roitberg B: MR Imaging Based Noninvasive Method for Intracranial Pressure Measurement. Radiology 1999; 213(P): 144.
 18. Glick RP, **Lichtor T**, Deshmukh P, Moser R, Cohen EP: Immunogene Therapy for Intracerebral Metastatic Breast Cancer. Cancer Gene Therapy 1999; 6: S27.
 19. Deshmukh P, Moser R, Glick RP, **Lichtor T**, Cohen EP: Immunogene Therapy: Prolongation of Survival and Induction of Long-Term Immunity Against Intracerebral Breast Cancer. J of Neurosurgery 2000; 92: 566.
 20. Rubenstein M, Glick R, **Lichtor T**, Mirochnik Y, Guinan P: Decreased EGFR Expression and Growth of the Human Derived T98G Glioblastoma Following Treatment with Anti-Sense Oligonucleotides Directed Against EGFR. Proceedings of the American Association for Cancer Research 2000; 41: 644.
 21. Chauhan NB, **Lichtor T**, Siegel GJ: Effect of Hematoma-Induced Edema on the Distribution of Selected Neurotrophic Factors in Mouse Brain – A Pilot Study. Journal of Neurochemistry 2000; 74: S72.

22. Liu KJ, Atten MJ, Hawkins D, Panizales E, Cho MJ, **Lichtor T**, Stone J, Donahue PE: Hyperamylasemia in Neurosurgical Patients. *Gastroenterology* 2000; 118: A1046.
23. Glick R, **Lichtor T**, Deshmukh P, Moser R, Cohen E: Immuno-Gene Therapy for Breast CA: CNS. *Molecular Therapy* 2000; 1: S234-S235.
24. Glick RP, **Lichtor T**, Deshmukh P, Moser R, Cohen EP: Immuno-Gene Therapy for Intracerebral Breast Cancer. *Neuro-Oncology* 2000; 2: 265.
25. Moser RL, **Lichtor T**, Glick RP, Moser RP, Cohen EP: Treatment of an Established Glioma with Interleukin-2 Secreting Allogeneic Fibroblasts Using an Implantable Cannula System. *Neuro-Oncology* 2000; 2: 282.
26. **Lichtor T**, Glick RP, Cohen EP: Combination Immuno-Gene Therapy for Gliomas Using Interleukin-12/Interleukin-2 Secreting Allogeneic Fibroblasts. *Neuro-Oncology* 2000; 2: 279.
27. Alperin N, Lee S, Loth F, Roitberg B, **Lichtor T**, Charbel F: Noninvasive MR Imaging-Based Method for Measurements of Intracranial Compliance and Pressure. *J of Neurosurgery* 2001; 94: 413A.
28. **Lichtor T**, Glick R, Cohen E: Treatment of an Established Brain Tumor with Interleukin-2 Secreting Allogeneic Fibroblasts. *Molecular Therapy* 2001; 3: S77.
29. Glick RP, **Lichtor T**, Deshmukh P, Moser R, Cohen EP: Treatment of Primary and Metastatic Brain Tumors Using Immuno-Gene Therapy. *Neuro-Oncology* 2001; 3: 261-262.
30. **Lichtor T**, Chauhan NB, Siegel GJ: Treatment of Alzheimer's Disease in a Transgenic Mouse Model. *Neurosurgery* 2001; 49: 510.
31. **Lichtor T**, Foroohar M, Kulkarni K, Loth F, Alperin NJ: Application of Noninvasive MRI Phase-contrast Flow Studies in Patients with Chiari I Malformations. *Neurosurgery* 2001; 49: 523.
32. Glick R, **Lichtor T**, Deshmukh P, Moser R, Cohen E: Treatment of Intracerebral Breast Cancer Using Immuno-Gene Therapy. *Neuro-Oncology* 2001; 3: S13.
33. **Lichtor T**, Glick R, Moser R, Moser R, Cohen E: Treatment of an Established Glioma with Interleukin-2 Secreting Allogeneic Fibroblasts. *Neuro-Oncology* 2001; 3: S23.

34. **Lichtor T**, Glick RP, Cohen EP: Prevention of the Development of a Brain Tumor by Pre-Treatment with Interleukin-2 Secreting Allogeneic Fibroblasts. *Neuro-Oncology* 2001; 3: 316.
35. **Lichtor T**, Chauhan NB, Siegel GJ: Prevention of Alzheimer Plaque Formation in a Transgenic Mouse Model. *J of Neurosurgery* 2002; 96: 444.
36. **Lichtor T**, Glick RP, Cohen EP: Tumor Vaccine Strategies Using Allogeneic IL-2-Secreting Fibroblasts in the Treatment of CNS Tumors. *Proceedings of the American Association for Cancer Research* 2002; 43: 1111.
37. Alperin N, Varadarajalu B, Fisher C, **Lichtor T**: Long-lasting Changes in Blood and CSF Flow Dynamics Following Mild Traumatic Brain Injury. *Proceedings of the International Society for Magnetic Resonance in Medicine* 2002; 2: 1281.
38. Glick RP, **Lichtor T**, Cohen EP: Immuno-Gene Treatment Therapy for Pediatric Malignant Brain Tumor: A New Vaccine. *Neuro-Oncology* 2002; 4: 333.
39. **Lichtor T**, Chauhan NB, Siegel GJ: Treatment of Memory Loss by Intraventricular Administration of Anti-amyloid β Antibody in Alzheimer's or Elderly Mice. *Neurosurgery* 2003; 53: 475.
40. Alperin N, Sivaramakrishnan A, Raksin PB, Kolbitch C, **Lichtor T**: Evaluations of a New Noninvasive Magnetic Resonance Imaging-based Method for Simultaneous Measurement of Total Cerebral Blood Flow and Intracranial Pressure. *Neurosurgery* 2003; 53: 482.
41. Glick RP, **Lichtor T**, Cohen EP, Lin H, Dean K: Immunogene Therapy for Malignant Pediatric Brain Tumors. *Neurosurgery* 2003; 53: 519-520.
42. Glick RP, **Lichtor T**, Dello Russo C, Murphy P, Feinstein DL: PPAR Agonist: A Novel New Therapy for Malignant Gliomas. *Neuro-Oncology* 2003; 5: 301.
43. **Lichtor T**, Glick RP: Application of Immunogene Therapy as a Protective Vaccine for Malignant Brain Tumors. *Neuro-Oncology* 2003; 5: 317.
44. Glick RP, **Lichtor T**, Raksin P, Lee A, Sivaramakrishnan A, Surapaneni S, Egibor O, Alperin N: Management of Hydrocephalus Using a Noninvasive Magnetic Resonance Imaging Method for Measurement of Intracranial Compliance and Pressure. *Neurosurgery* 2004; 55: 472.

45. Chauhan NB, **Lichtor T**, Siegel GJ: ICV Anti-A β Reduces Amyloid Burden Without Inflammation or Hemorrhage in AD. *Journal of Neurochemistry* 2004; 90 (Supplement 1): 43.
46. Glick R, **Lichtor T**, Lin H, Tarlock K, Spagnolo A, Dello Russo C, Feinstein DL: Effect of PPAR-Gamma Agonists in the Induction of Cell Death in Gliomas. *Neuro-Oncology* 2004; 6: 330-331.
47. **Lichtor T**, Glick R, Derek E, O-Sullivan I, Cohen E: Treatment of a Brain Tumor in a Mouse Model with Fibroblasts Transfected with Cytokines and Tumor DNA. *Neuro-Oncology* 2004; 6: 342.
48. **Lichtor T**, Glick R, O-Sullivan I, Cohen E: Intratumoral Injection of IL-2-Secreting Allogeneic Fibroblasts Transfected with DNA from Breast Cancer Cells Prolongs the Survival of Mice with Intracerebral Breast Cancer. *Journal of Immunotherapy* 2004; 27(6): S3.
49. Chauhan NB, **Lichtor T**, Siegel GJ: Intracerebroventricular Passive Immunization in Transgenic Mouse Model of Alzheimer's Disease. *Neurobiology of Aging* 2004; 25: S577.

Invited Reviews

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2. Vesselinovitch D, **Lichtor T**, Bridenstine RT, Mullan S: The Effects of Surgical Sympathectomy in Experimental Atherosclerosis. In: *Biology of the Arterial Wall; Interaction of the Arterial Wall and Atherosclerosis*. Rome: CIC Edizioni Internazionali, 1988, pp 159-166.
3. **Lichtor T**, Gurney ME: Gene Expression of Cytokines and Neurotrophic Factors in Human Brain Tumors. *Methods in Neurosciences* 1992; 9: 32-46.
4. Kaufman HH, Levy ML, Stone JL, Masri LS, **Lichtor T**, Lavine SD, Fitzgerald LF, Apuzzo MLJ: Patients with Glasgow Coma Scores 3,4,5 After Gunshot Wounds to the Brain. *Neurosurgery Clinics of North America* 1995; 6: 701-714.
5. Glick RP, **Lichtor T**, Unterman TG: Insulin-Like Growth Factors in Central Nervous System Tumors. *J of Neuro-Oncology* 1997; 35: 315-325.

6. Glick RP, **Lichtor T**: Novel Therapeutic Strategies for Central Nervous System Tumors. In: Neuro-Oncology: The Essentials (M Bernstein and MS Berger, eds). New York, New York: Thieme Medical Publishers, 2000, pp 289-300.
7. Glick RP, **Lichtor T**, Cohen EP: Cytokine Immunogene Therapy. Neurosurgical Focus 2000; 9 (6): Article 2, 1-9.
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9. Glick RP, **Lichtor T**: Immunotherapy Task Force for Malignant Brain Tumors: April 21, 2001, Toronto, Ontario. Neuro-Oncology 2001; 3: 258-264.
10. Glick RP, **Lichtor T**: Immunotherapy for Tumors Task Force Holds Inaugural Meeting. American Association of Neurological Surgeons Bulletin 2001; 10: 35-37.
11. Stone JL, **Lichtor T**: Triage and Management of Neurosurgical Emergencies. In: Textbook of Neurological Surgery: Principles and Practice (HH Batjer and CM Loftus, eds). Philadelphia, Pennsylvania: Lippincott Williams & Wilkins Publishers, 2003, pp 754-763.
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13. **Lichtor T**, Glick RP: Cytokine Immuno-Gene Therapy for Treatment of Brain Tumors. Journal of Neuro-Oncology 2003; 65: 247-259.
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Book Reviews

1. **Lichtor T**, Stone JL: Radiosurgery: Baseline and Trends, edited by Ladislau Steiner. Raven Press, New York, New York, 1991. Chicago Medicine 1993; 96: 34-35.
2. **Lichtor T**: Functional Electrical Stimulation for Ambulation by Paraplegics, by Daniel Graupe and Kate H Kohn. Krieger Publishing Company, Malabar, Florida, 1994. Chicago Medicine 1995; 98: 22.

Books

1. **Lichtor T:** Cytoplasmic Inheritance of Rutamycin Resistance and a Respiratory Deficiency in Mouse Fibroblasts. (PhD Dissertation), Chicago, Illinois: The University of Chicago, 1980. 115 p.